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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete If Known	
Application Number	09/909,735
Filing Date	July 20, 2001
First Named Inventor	John T. Loh
Art Unit	1651
Examiner Name	Leon B. Lankford, Jr.
Attorney Docket Number	UTR-103XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-4,535,061	08-13-1985	Chakrabarty	All
	U2	US-5,173,424	12-22-1992	Stacey	All
	U3	US-5,695,541	12-09-1997	Kosanke	All
	U4	US-5,916,029	06-29-1999	Smith	All
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			
	U14	US-			
	U15	US-			
	U16	US-			
	U17	US-			
	U18	US-			
	U19	US-			
	U20	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	F1					
	F2					
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Examiner Signature	LANKFORD	Date Considered	12/30/02

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[1] Applicant's unique citation designation number (optional). [2] See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known	
Application Number	09/909,735
Filing Date	July 20, 2001
First Named Inventor	John T. Loh
Group Art Unit	1651
Examiner Name	Leon B. Lankford, Jr.
Attorney Docket Number	UTR-103XC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
LBC	R1	Banfalvi *et al.* [1988] "Regulation of nod gene Expression in Bradyrhizobium japonicum," *Mol. Gen. Genet.* 214:420-424, Springer-Verlag	
	R2	Cha *et al.* [1998] "Production of Acyl-Homoserine Lactone Quorum-Sensing Signals by Gram-Negative Plant-Associated Bacteria," *Mol. Plant Microbe Int.* 11(11):1119-1129, The American Phytopathological Society	
	R3	Cubo *et al.* [1992] "Molecular Characterization and Regulation of the Rhizosphere-Expressed Genes *rhiABCR* That Can Influence Nodulation by *Rhizobium leguminosarum* Biovar viciae," *J. Bacteriol.* 174:4026-4035, American Society for Microbiology	
	R4	Dockendorff *et al.* [1994] "NolA Represses *nod* Gene Expression in *Bradyrhizobium japonicum*," *Mol. Plant-Microbe Interact.* 7(5):596-602, The American Phytopathological Society	
	R5	Fellay *et al.* [1998] "*nodD2* of *Rhizobium* sp. NGR234 is involved in the repression of the *nodABC* operon," *Mol. Microbiol.* 27(5):1039-1050, Blackwell Science Ltd.	
	R6	Fuqua, W.C., *et al.* [1994] "Quorum Sensing in Bacteria: The LuxR-LuxI Family of Cell Density-Responsive Transcriptional Regulators," *J. Bacteriol.* 176(2):269-275, American Society for Microbiology	
	R7	Fuqua, W.C. and S.C. Winans [1994] "A LuxR-LuxI Type Regulatory System Activates *Agrobacterium* Ti Plasmid Conjugal Transfer in the Presence of a Plant Tumor Metabolite," *J. Bacteriol.* 176(10):2796-2806, American Society for Microbiology	
	R8	Garcia, M.L., *et al.* [1996] "Phenotypic Characterization and Regulation of the *nolA* gene of *Bradyrhizobium japonicum*," *Mol. Plant-Microbe Interact* 9(7):625-635, The American Phytopathological Society	
	R9	Gillette, W.K. and G. H. Elkan [1996] "*Bradyrhizobium (Arachis)* sp. Strain NC92 Contains Two *nodD* Genes Involved in the Represesion of *nodA* and a *nolA* Gene Required for the Efficient Nodulation of Host Plants," *J. Bacteriol.* 178(10):2757-2766, American Society for Microbiology	
	R10	Gray *et al.* [1996] "Cell-to-Cell Signaling in the Symbiotic Nitrogen-Fixing Bacterium *Rhizobium leguminosarum*: Autoinduction of a Stationary Phase and Rhizosphere-Expressed Genes," *J. Bacteriol.* 178(2):372-376, American Society for Microbiology	
	R11	Hardman, A.M. *et al.* [1998] "Quroum sensing and the cell-cell communcation dependent regulation of gene expression in pathogenic and non-pathogenic bacteria," *Antonie van Leeuwenhoek* 74:199-210, Kluwer Academic Publishers, Netherlands	
	R12	Kleerebezem *et al.* [1997] "Quorum sensing by peptide pheromones and two-component signal-transduction systems in Gram-positive bacteria," *Mol. Microbiol.* 24(5):895-904, Blackwell Science Ltd.	
	R13	Loh *et al.* [2002] "A Two-Component Regulator Mediates Population-Density-Dependent Expression of the *Bradyrhizobium japonicum* Nodulation Genes," *J. Bacteriol.* 184(6):1-8	

Examiner Signature	LANKFORD	Date Considered	12/30/02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known	
Application Number	09/909,735
Filing Date	July 20, 2001
First Named Inventor	John T. Loh
Group Art Unit	1651
Examiner Name	Leon B. Lankford, Jr.
Attorney Docket Number	UTR-103XC1

NON PATENT LITERATURE DOCUMENTS

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LBC	R14	Loh, J.T. and G. Stacey [2001] "Feedback regulation of the *Bradyrhizobium japonicum* nodulation genes," *Mol. Microbiol.* 41(6):1357-1364, Blackwell Science Ltd.	
	R15	Loh *et al.* [2001] "Population density-dependent regulation of the *Bradyrhizobium japonicum* nodulation genes," *Mol. Microbiol.* 42(1):37-46, Blackwell Science Ltd.	
	R16	Loh *et al.* [1999] "The *Bradyrhizobium japonicum nolA* Gene Encodes Three Functionally Distinct Proteins," *J. Bacteriol.* 181(5):1544-1554, American Society for Microbiology	
	R17	Loh *et al.* [1997] "NodV and NodW, a Second Flavonoid Recognition System Regulating *nod* Gene Expression in *Bradyrhizobium japonicum*," J. *Bacteriol.* 179(9):3013-3020, American Society for Microbiology	
	R18	Nieuwkoop *et al.* [1987] "A Locus Encoding Host Range is Linked to the Common Nodulation Genes of *Bradyrhizobium japonicum*," *J. Bacteriol.* 169(6):2631-2638 , American Society for Microbiology	
	R19	Rosemeyer *et al.* [1998] "*luxI*- and *luxR*-Homologous Genes of *Rhizobium etli* CNPAF512 Contribute to Synthesis of Autoinducer Molecules and Nodulation of *Phaseolus vulgaris*," *J. Bacteriol.* 180(4):815-821 , American Society for Microbiology	
	R20	Sadowsky *et al.* [1991] "The *Bradyrhizobium japonicum nolA* gene and its involvement in the genotype-specific nodulation of soybeans," *Proc. Natl. Acad Sci. USA* 88:637-641	
	R21	Thorne and Williams [1999] "Cell Density-Dependent Starvation Survival of *Rhizobium leguminosarum* bv. phaseoli: Identification of the Role of an *N*-Acyl Homoserine Lactone in Adaptation to Stationary-Phase Survival," *J. Bacteriol.* 181(3):981-990 , American Society for Microbiology	
	R22	van Brussel *et al.* [1985] "Bacteriocin *small* of Fast-Growing Rhizobia is Chloroform Soluble and is not Required for Effective Nodulation," *J. Bacteriol.* 162(3):1079-1082 , American Society for Microbiology	
	R23	Wijffelman *et al.* [1983] "Repression of Small Bacteriocin Excretion in *Rhizobium leguminosarum* and *Rhizobium trifolii* by Transmissible Plasmids," *Mol. Gen. Genet.* 192:171-176, Springer-Verlag	
	R24	Yuen, J.P. and G. Stacey [1996] "Inhibition of *nod* Gene Expression in *Bradyrhizobium japonicum* by Organic Acids," *Mol. Plant-Microbe Interact.* 9(5):424-428 , The American Phytopathological Society	
	R26		

Examiner Signature	LANKFORD	Date Considered	12/30/2

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